

## Produktinformation



## Information



Tillverkare	HP
Artnr	2ZB93EA-D2

## HP Workstation Z VR Backpack G1 - backpack PC - Core i7 7820HQ 2.9 GHz - 32 GB - SSD 1 TB

Avoid getting tangled in cords. This light, comfortable backpack and hot swappable batteries lets you work, demonstrate, or train people with VR in any space. Create and interact with complex simulations. High-end performance VR and the latest high-fidelity graphic card to help prevent dropped frames. The dock lets you quickly transition back and forth between high-powered desktop for virtual reality content design and wearable VR PC for validating your creations.

## Specifikation

### General

Status	D2
Type	Workstation
Product Form Factor	Backpack PC
Embedded Security	Trusted Platform Module (TPM 2.0) Security Chip
Colour	Black

### Processor / Chipset

CPU	Intel Core i7 (7th Gen) 7820HQ / 2.9 GHz
Max Turbo Speed	3.9 GHz
Number of Cores	Quad-Core
CPU Qty	1
Max CPU Qty	1
Processor Main Features	Intel Turbo Boost Technology 2
Chipset Type	Mobile Intel QM175

### Cache Memory

Installed Size	8 MB
Cache Per Processor	8 MB

RAM	
Installed Size	32 GB / 32 GB (max)
Technology	DDR4 SDRAM - non-ECC
Effective Memory Speed	2400 MHz
Rated Memory Speed	2400 MHz
Form Factor	DIMM 288-pin
Slots	2 (Total) / 0 (empty)
Features	Unbuffered
Configuration Features	2 x 16 GB
Hard Drive	
Type	SSD - M.2 2280
Capacity	1 x 1 TB
Interface Type	PCI Express 3.0 x4
Features	NVM Express (NVMe), HP Turbo Drive G2, triple-level cell (TLC)
Optical Storage	
Type	No optical drive
Monitor	
Monitor Type	None.
Graphics Controller	
Graphics Processor	NVIDIA Quadro P5200
Video Memory	16 GB GDDR5 SDRAM
Video Interfaces	HDMI, DisplayPort
Audio Output	
Compliant Standards	DTS Studio Sound, DTS Headphone:X
Networking	
Ethernet Controller	Realtek RTL8153B
Wireless LAN Supported	Yes
Wireless NIC	Intel Dual Band Wireless-AC 8265
Data Link Protocol	Ethernet, Fast Ethernet, Gigabit Ethernet, IEEE 802.11b, IEEE 802.11a, IEEE 802.11g, IEEE 802.11n, IEEE 802.11ac, Bluetooth 4.2
Remote Management Protocol	ASF 2.0
Features	Wake on LAN (WoL), ACPI support, PXE support, auto-uplink (auto MDI/MDI-X)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3i, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.11b, IEEE 802.11a, IEEE 802.11d, IEEE 802.11g, IEEE 802.11i, IEEE 802.11h, IEEE 802.11e, IEEE 802.1as, IEEE 802.11n, IEEE 802.3az, IEEE 802.11ac, IEEE 802.11w, Bluetooth 4.2

Expansion / Connectivity	
<b>Slots</b>	1 (total) / 0 (free) x M.2 Card - 2280 (x4 mode) 1 (total) / 0 (free) x M.2 Card - 2230 (x1 mode)
<b>Interfaces</b>	4 x USB 3.0 1 x Thunderbolt 3/USB-C 3.1 1 x HDMI 1 x Mini DisplayPort 1 x USB-C 3.1 1 x headphones/microphone 1 x dock
Miscellaneous	
<b>Included Accessories</b>	HP 180W Smart AC Adapter, HP Z VR Backpack Battery Charger, HP Z VR Backpack External Battery Pack, HP Z VR Backpack G1 Dock, HP Z VR Backpack Harness, HP Z VR Backpack HTC Vive Cables
<b>Theft/Intrusion Protection</b>	Security lock slot (cable lock sold separately)
<b>Security Slot Type</b>	Kensington security slot
<b>Compliant Standards</b>	ACPI, RoHS, low halogen, ACPI 6.0
Battery	
<b>Capacity</b>	55 Wh
<b>Cells</b>	6-cell
Power	
<b>Device Type</b>	Power adapter
<b>Nominal Voltage</b>	AC 120/230 V (50/60 Hz)
<b>Power Provided</b>	330 Watt
<b>Efficiency</b>	92.6% (115VAC), 93.2% (230VAC)
<b>Power Factor Correction</b>	Yes (active)
Operating System / Software	
<b>OS Provided</b>	Windows 10 Pro 64-bit Edition
<b>Software</b>	HP Performance Advisor, HP Client Security, HP Velocity, HP Client Management, HP Remote Graphics Software 7.1
Dimensions & Weight	
<b>Width</b>	23.64 cm
<b>Depth</b>	6.09 cm
<b>Height</b>	33.35 cm
<b>Weight</b>	2.588 kg
Environmental Parameters	
<b>Min Operating Temperature</b>	5 °C
<b>Max Operating Temperature</b>	35 °C
<b>Humidity Range Operating</b>	8 - 85%